(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 3 February 2005 (03.02.2005)

PCT

(10) International Publication Number WO 2005/011150 A1

(51) International Patent Classification7:

H04B 7/155

(21) International Application Number:

PCT/KR2004/001854

(22) International Filing Date:

23 July 2004 (23.07.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 10-2003-0051154

24 July 2003 (24.07.2003)

- (71) Applicant (for all designated States except US): UTStarcom Korea Limited [KR/KR]; San 136-1, Ami-ri, Bubaleub, Icheon-si, Kyongki-do 467-701 (KR).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BAN, Ju Hyun [KR/KR]; Ju-eun Dasom Apt. 101-807, 109, Eungam-ri, Bubal-eub, Icheon-si, Gyeonggi-do 467-761 (KR). SON, Sang Won [KR/KR]; Godam Dormitory 104-104, Godam-dong, Icheon-si, Gyeonggi-do 467-140 (KR).
- (74) Agent: YOON, Jee Hong; Hannuri Bldg., 219, Naejadong, Chongno-gu, Seoul 110-053 (KR).

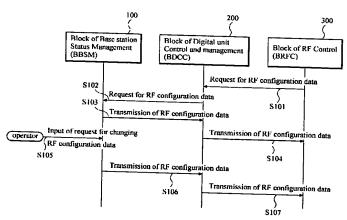
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR AUTOMATICALLY SETTING A FREQUENCY OF A BASE STATION IN A CDMA-2000 SYSTEM



(57) Abstract: The present invention is directed to a method for automatically setting a frequency of a base station in a CDMA-2000 system, comprising: defining a frequency configuration information in a Programmable Loading Data (PLD) that defines different frequency bands for respective service providers; reading the frequency configuration information from the PLD defining the frequency configuration information when the base station is initialized and transmitting it to a Block of RF control (BRFC); and automatically setting the frequency of the base station on the basis of the frequency configuration information. The method for automatically setting a frequency of a base station in a CDMA-2000 system according to the present invention comprises: requesting RF configuration data from the BRFC to the BDCC when the base station is initialized; requesting RF configuration data from the BDCC to the BBSM; upon receiving the request for RF configuration data by the BBSM, reading a frequency configuration information from a PLD, which defines the frequency configuration information; transmitting the frequency configuration information to the BRFC via the BDCC; and setting the frequency of the base station on the basis of the frequency configuration information

